

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/782,935
Confirmation Number	7686
Filing Date	February 23, 2004
First Named Inventor	Ralf LINDNER
Art Unit	1731
Examiner Name	Not Yet Assigned
Attorney Docket Number	Q79846

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
JL		US 6,376,401	B1	04/23/2002	Kondo, et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

/Jason Lazorcik/

Date Considered

12/18/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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		Number	Kind Code <sup>2</sup> (if known)		
JL ↓		US 5,325,230	A	6/28/1994	Shigeru YAMAGATA, et al
		US 5,086,352	A	2/4/1992	Shigeru YAMAGATA, et al
		US 6,295,841	B1	10/2/2001	Douglas C. ALLAN, et al
		US 6,205,818	B1	3/27/2001	Thomas P. SEWARD, III
		US 6,550,277			(corresponds to DE 100 05 051)

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
JL ↓		DE	199 42 443	A1	3/9/2000	TOSOH CORP.	
		DE	690 15 453	T2	6/1/1995	HERAEUS QUARZGLAS GMBH	
		EP	1 084 995	A1	3/21/2001	HERAEUS QUARZGLAS GMBH & CO. KG	
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		JP	04-097922	A	3/30/1992	SHINETSU QUARTZ PROD CO.	ABSTRACT
		JP	03088742	A	4/15/1991	SHINETSU SEKIEI KK	ABSTRACT
		JP	03023236	A	1/31/1991	SHINETSU SEKIEI KK	ABSTRACT
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		JP	01197335	A	8/9/1989	SHINETSU SEKIEI KK	ABSTRACT
		DE	100 05 051	A1	5/31/2001	HERAEUS QUARZGLAS GMBH	
		JP	03088743	A	4/15/1991	SHINETSU SEKIEI KK	ABSTRACT
		JP	2001089170	A	4/3/2001	SHINETSU QUARTZ PROD CO.	ABSTRACT

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
JL		J.E. SHELBY, "RADIATION EFFECTS IN HYDROGEN-IMPREGNATED VITREOUS SILICA", J. APPL. PHYS. VOL. 50, NO. 5, 1979 AMERICAN INSTITUTE OF PHYSICS, PAGES 3702-3706, MAY 1979, SANDIA LABORATORIES, LIVERMORE, CALIFORNIA	
		C.K. VAN PESKI, ET AL "BEHAVIOR OF FUSED SILICA IRRADIATED BY LOW LEVEL 193NM EXCIMER LASER FOR TENS OF BILLIONS OF PULSES", PROC. SPIE VOL. 4347, PAGES 177-186, 2001, AUSTIN TEXAS 78741	
		DAVID L. GRISCOM, "OPTICAL PROPERTIES AND STRUCTURE OF DEFECTS IN SILICA GLASS", JOURNAL OF THE CERAMIC SOCIETY OF JAPAN, INT. EDITION, NAVAL RESEARCH LABORATORY, WASHINGTON DC.	
		HIROYUKI NISHIKAWA, ET AL, "GENERATION MECHANISM OF PHOTOINDUCED PARAMAGNETIC CENTERS FORM PREEXISTING PRECURSORS IN HIGH-PURITY SILICAS", THE AMERICAN PHYSICAL SOCIETY, VOLUME 41, NUMBER 11, PAGES 7828-7834, April 15, 1990-I, TOKYO JAPAN.	
Examiner Signature		/Jason Lazorcik/	Date Considered 12/18/2006

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